Figure 1 (Prior Art)

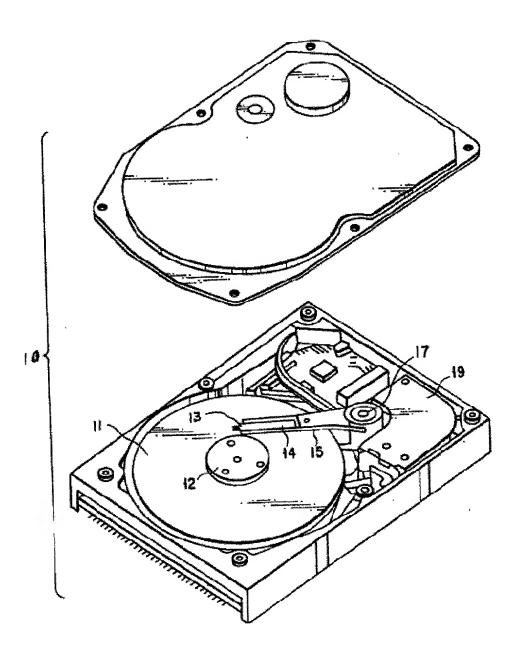


Figure 2 (Prior Art)

<b>←</b> P
$\leftarrow N$
<b>J</b> →
← \$
<b>←</b> I
← N
<b>←</b> I

- ← Protective overcoat 23
- ← Magnetic layer 22
- ← Underlayer 21
- ← Substrate 20
- ← Underlayer 21'
- ← Magnetic layer 22'
- ← Protective overcoat 23'

Figure 3

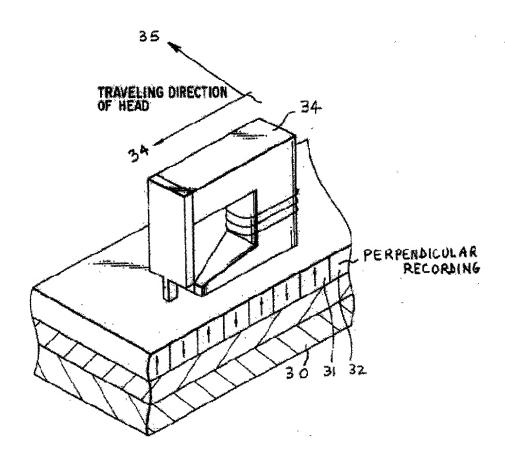
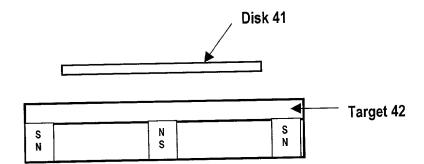


Figure 4

(a)



(b)

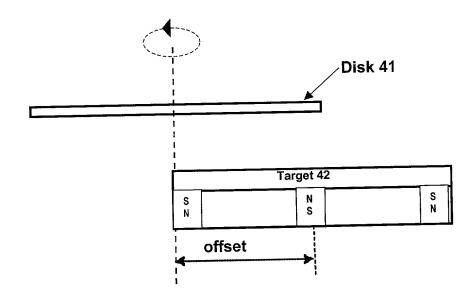


Figure 5

Protective Layer 56
Magnetic layer 55
Non-magnetic intermediate layer 54
Non-magnetic intermediate layer 53
Soft magnetic underlayer 52
Substrate 51

Figure 6

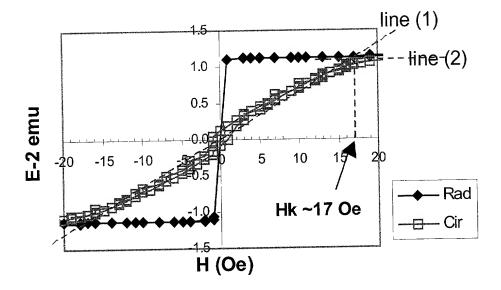
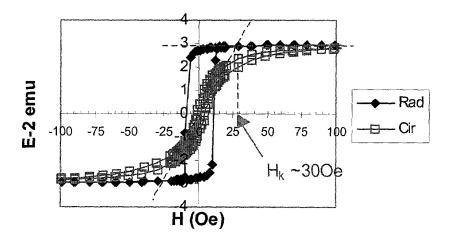


Figure 7



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